

FIG. 1

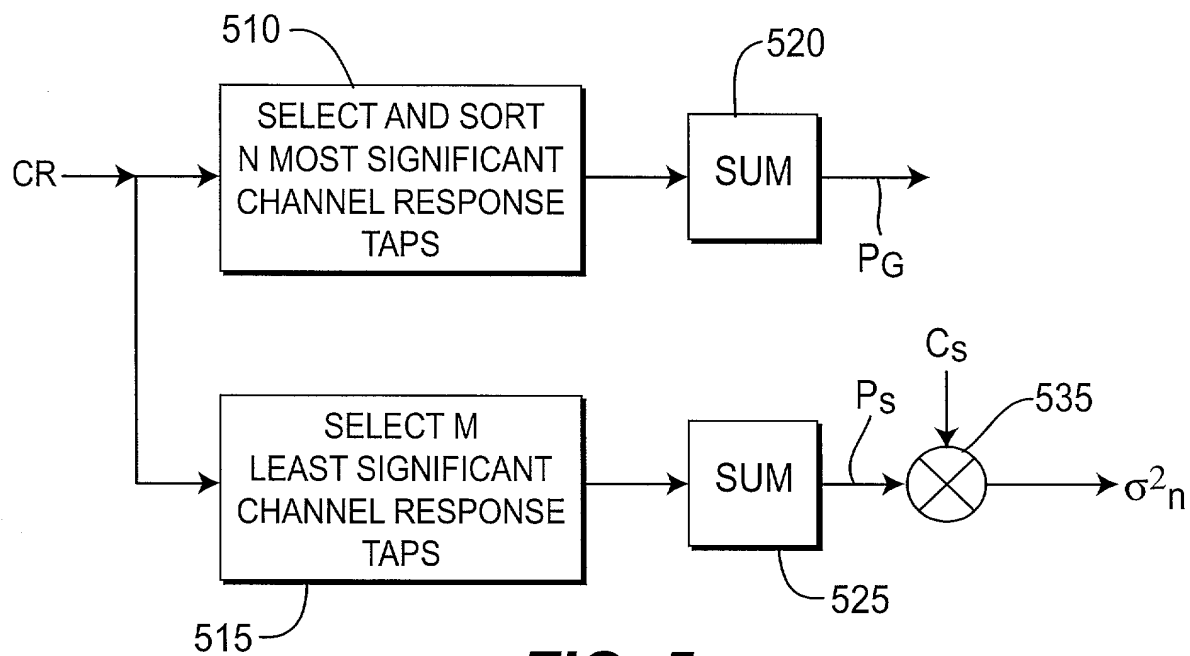


FIG. 5

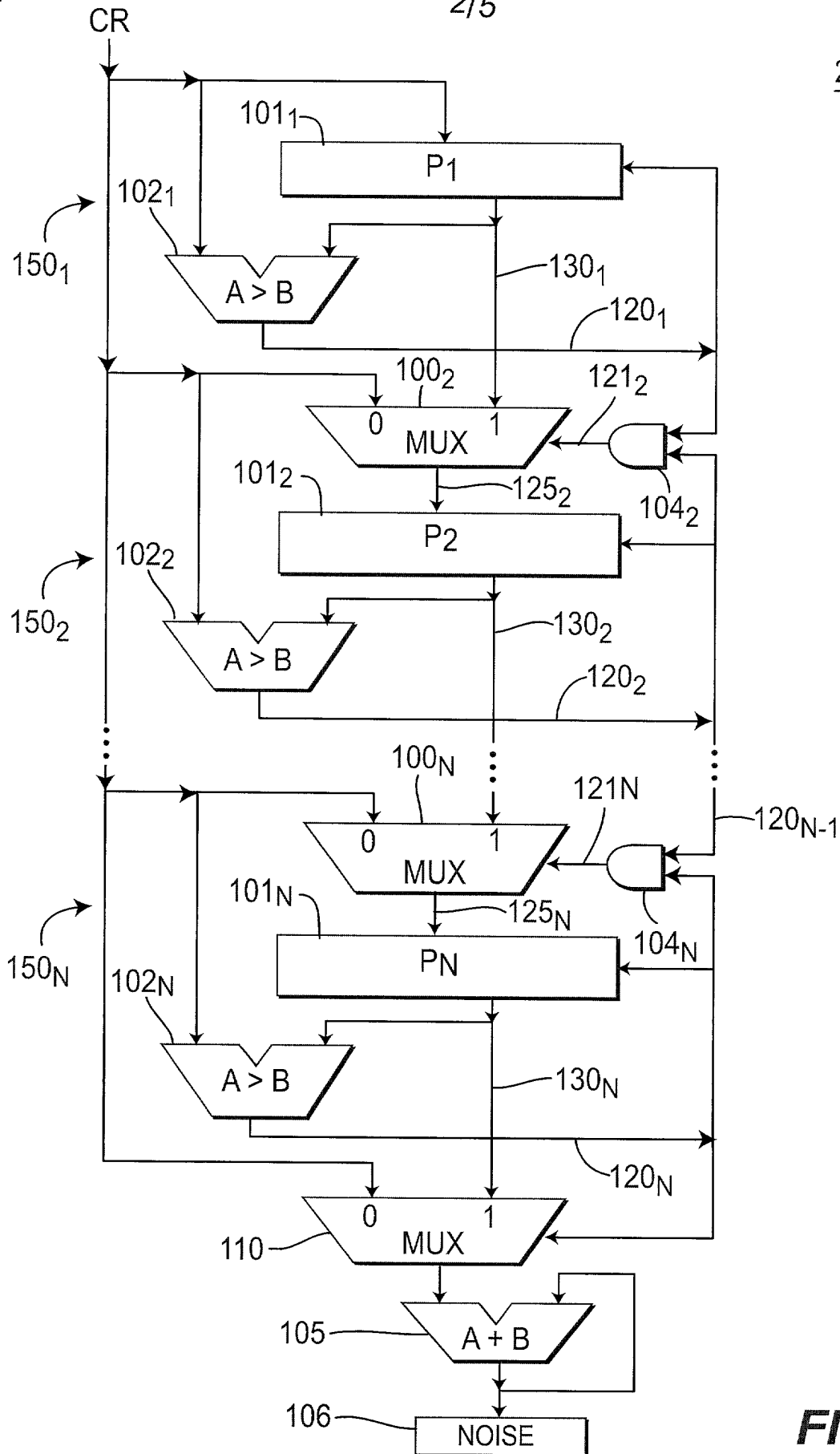
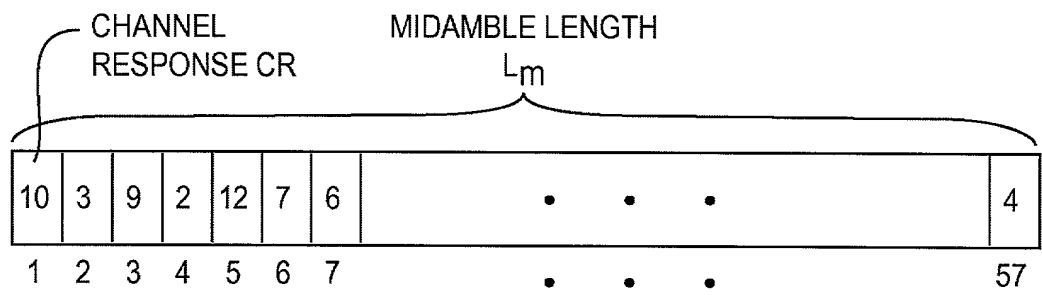


FIG. 2



SIGNAL $N = 3$ TAPS
NOISE $M = L_m - N = 54$ TAPS

FIG. 3A

| TIME | P1 | P2 | P3 | NOISE |
|------|-------|-------|-------|----------|
| 0 | 0 | 0 | 0 | 0 |
| 1 | 10 | 0 | 0 | 0 |
| 2 | 10 | 3 | 0 | 0 |
| 3 | 10 | 9 | 3 | 0 |
| 4 | 10 | 9 | 3 | 2 |
| 5 | 12 | 10 | 9 | 5 |
| 6 | 12 | 10 | 9 | 12 |
| 7 | 12 | 10 | 9 | 18 |
| . | . | . | . | . |
| . | . | . | . | . |
| . | . | . | . | . |
| 57 | P1MAX | P2MAX | P3MAX | NOISETOT |

$P1_{MAX} \geq P2_{MAX} \geq P3_{MAX}$

FIG. 3B



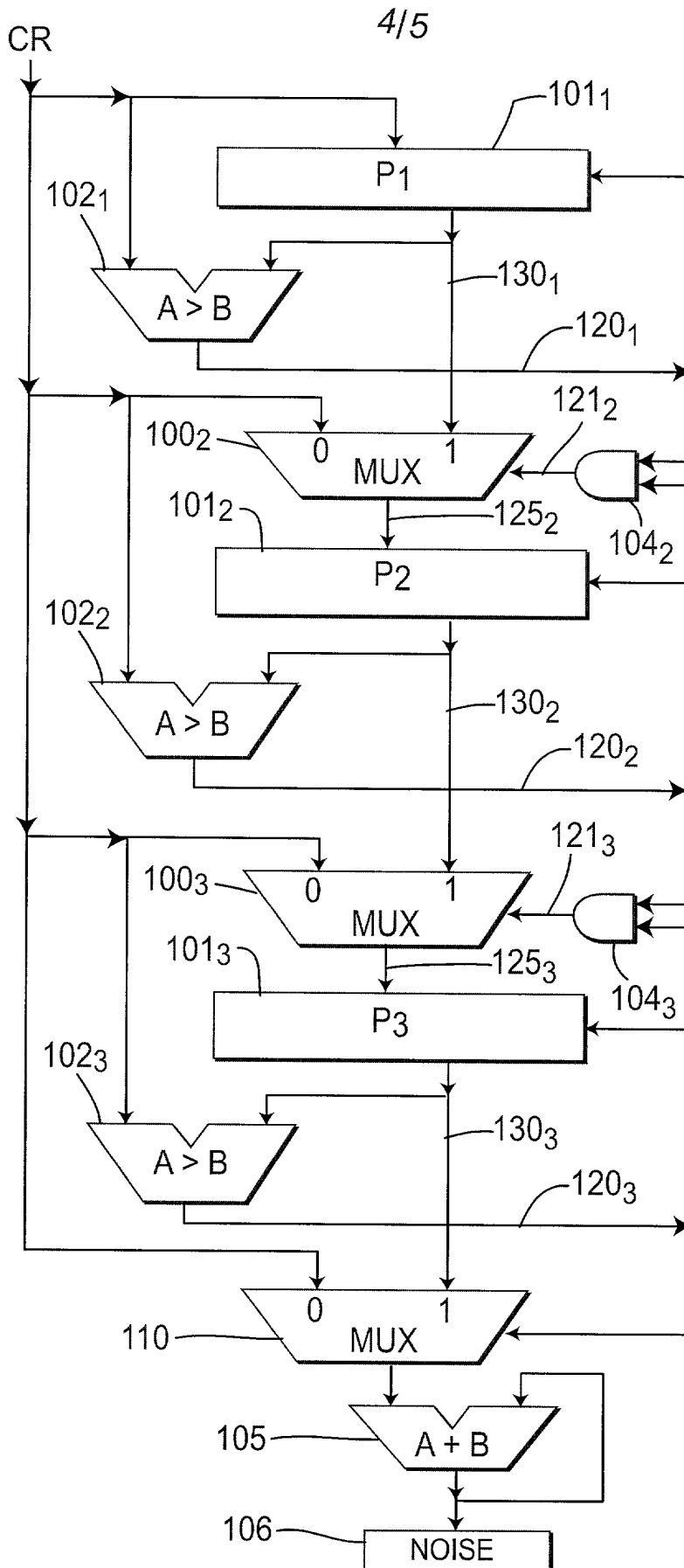
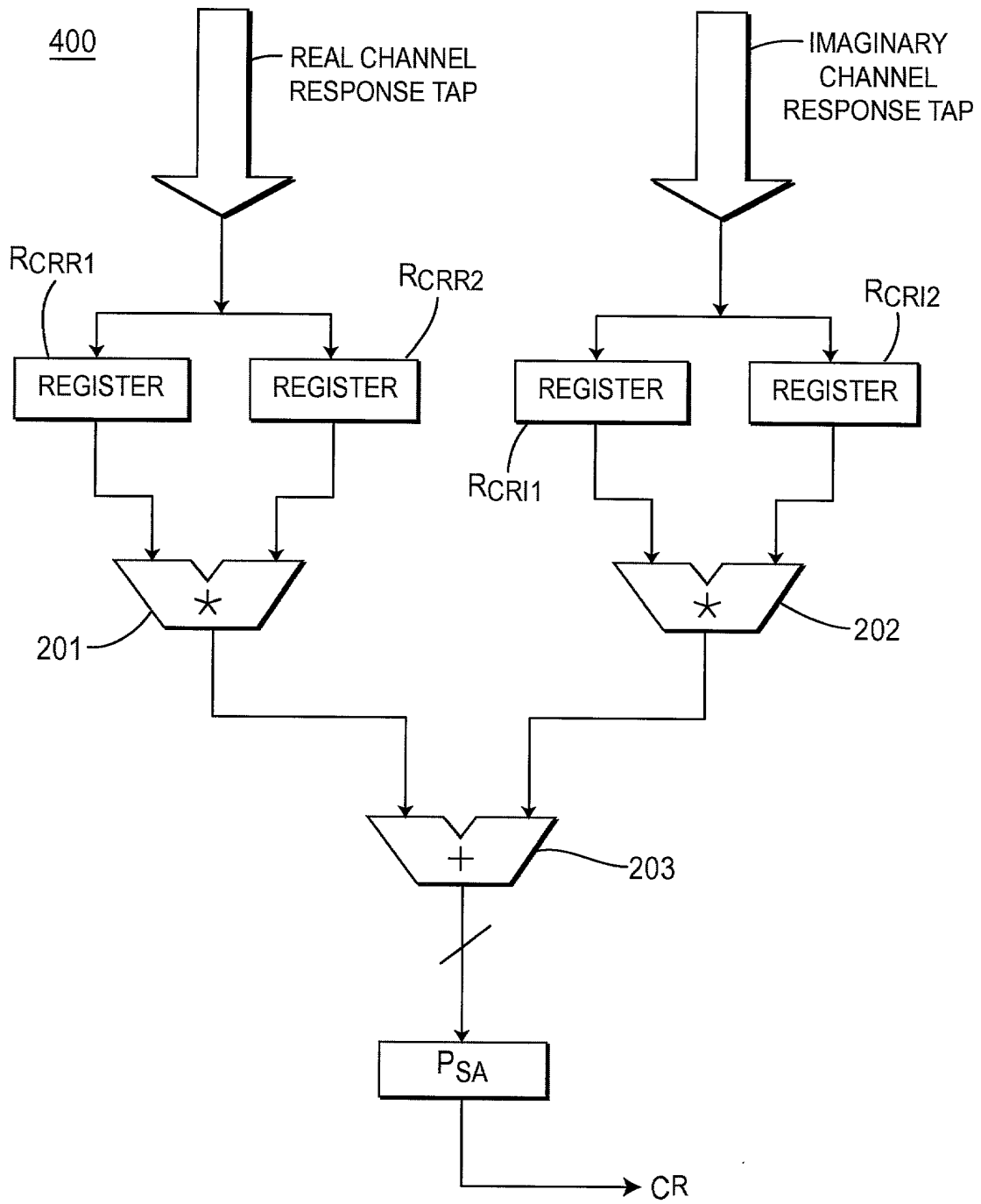


FIG. 4

**FIG. 6**